

AMENDMENTS TO THE CLAIMS

1. (currently amended): A method for synchronizing a hyperframe number (HFN) between peer radio bearers (RBs) respectively supported by a user equipment (UE) and a Universal Terrestrial Radio Access Network (UTRAN), the peer RBs created by a Radio Bearer Setup procedure performed in conjunction with a Serving Radio Network Subsystem (SRNS) relocation procedure, the method comprising:

sending a Radio Bearer Setup message from the UTRAN to the UE, the Radio Bearer Setup message indicating that SRNS relocation is to be performed and that a new RB is to be established in a first domain;

in response to the Radio Bearer Setup message, the UE assigning a first START value to a START_VALUE_TO_TRANSMIT variable according to the HFNs of all established RBs in the first domain;

the UE utilizing the START_VALUE_TO_TRANSMIT variable to set an HFN of the new RB;

in response to the Radio Bearer Setup message, the UE generating a START list containing a plurality of entries corresponding to a plurality of domains, the plurality of domains including the first domain;

the UE filling the entries with corresponding START values, wherein the UE synchronizes the entry corresponding to the first domain to hold a value that is identical to the value of the START_VALUE_TO_TRANSMIT variable;

in response to the Radio Bearer Setup message, the UE composing a reply message, the reply message including the START list; and

the UE sending the reply message to the UTRAN.

2. (original): The method of claim 1 where the UE assigns the first START value to the entry corresponding to the first domain in the START list.

3. (original): The method of claim 1 where the UE assigns the START value of the entry in the START list corresponding to the first domain to the START_VALUE_TO_TRANSMIT variable.

4. (original): A wireless device comprising a central processing unit (CPU) in electrical communications with a memory, the memory comprising program code for implementing the method of claim 1.

5. (original): A method for synchronizing a hyperframe number (HFN) between peer radio bearers (RBs) respectively supported by a user equipment (UE) and a Universal Terrestrial Radio Access Network (UTRAN), the peer RBs created by a Radio Bearer Setup procedure performed in conjunction with a Serving Radio Network Subsystem (SRNS) relocation procedure, the method comprising:

 sending a Radio Bearer Setup message from the UTRAN to the UE, the Radio Bearer Setup message indicating that SRNS relocation is to be performed and that a new RB is to be established in a first domain;

 in response to the Radio Bearer Setup message, the UE assigning a first START value to a START_VALUE_TO_TRANSMIT variable according to the HFNs of all established RBs in the first domain;

 the UE utilizing the START_VALUE_TO_TRANSMIT variable to set an HFN of the new RB;

 in response to the Radio Bearer Setup message, the UE generating a START list containing a plurality of START values corresponding to a plurality of domains, the plurality of domains including the first domain;

 in response to the Radio Bearer Setup message, the UE composing a reply message, the reply message including the START list as a first information element (IE) and including the first START value of the START_VALUE_TO_TRANSMIT variable as a second IE;

 the UE sending the reply message to the UTRAN; and

 the UTRAN utilizing the second IE to set a corresponding HFN for the new RB.

6. (original): A wireless device comprising a central processing unit (CPU) in electrical communications with a memory, the memory comprising program code for implementing the method of claim 5.